



Mercury-Containing Equipment in the Industrial Setting

- Accustats
- Barometers
- Batteries: mercuric oxide, mercury-zinc and mercury-cadmium
- Catalysts for Urethane and Vinyl Production
- Counterweights
- DC Watt-Hour Meters
- Displacement/Plunger Relays
- Elemental Mercury for refilling mercury-containing equipment
- Flame Sensors: sometimes found in the pilot light and burner assembly on gas-fired furnaces, boilers, unit heaters, space heaters, industrial ovens and in central air conditioning systems
- Flow Meters
- Gas Extraction Apparatus
- Gas Regulators
- Gyroscopes
- Hydrometers with thermometers
- Hydronic and Warm Air Controls with tilt switches such as aquastats, pressurestats, firestats, fan limit controls and pressure/flow controls on air handling units
- Lamps: florescent, high-pressure sodium, mercury arc, metal halide, ultraviolet and neon (except red, orange and pink)
- Level and Rotation Sensors
- Manometers and Vacuum Gauges
- Mercury Displacement Relays: sometimes found in street lighting, resistance heating plastics molding equipment and motors
- Mercury-Sealed Pistons
- Microwave Relays/Transmitters
- Perimeters
- Pressure-trols
- Pyrometers
- Rectifiers
- Rind Balances
- Semiconductors, Solar Cells, Thin Film Transistors, Infrared Detectors and Ultrasonic Amplifiers: may contain mercury-cadmium-telluride, mercury-selenide or mercury-telluride that can contaminate electroplating baths
- Shunt Trips
- Stokes Gauges
- Switches and Relays: fire alarm box switches, mercoid Control Switches, pressure control switches (mounted on bourdon tube or diaphragm), silent light switches, relay switches, mercury wetted relays, switches in pneumatic tube and conveyor belt message systems, phase splitters, sump pump, bilge pump and other float controls, tilt switches, etc.
- Thermometers: including industrial dial face thermometers with capillary tubes
- Thermostats and Thermoregulators
- Transmitters
- Wastewater Treatment Plant Pivot Arm Bearings

(Source: A Business Guide to Conducting a Mercury Audit, P3ERIE)